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8321 OLD COURTHOUSE ROAD, SUITE 200
VIENNA, VIRGINIA 22182-3817
TELEPHONE: (703) 761-4100
FACSIMILE/DATA: (703) 761-2375; 761-2376
E-MAIL: MCGINNGIBB @ AOL.COM

SEAN M. MCGINN
PHILLIP E. MILLER†
FREDERICK E. COOPER†
PETER A. BALNAVE, PH.D.
FREDRIC J. ZIMMERMANN†
JAMES E. HOWARD†
JAMES N. DRESSER
JOHN J. DRESCH
SCOTT M. TULINO
†MEMBER OF BAR OTHER THAN VA

ANNAPOLIS, MD OFFICE
FREDERICK W. GIBB, III
MOHAMMAD S. RAHMANT

March 12, 2004

VIA FACSIMILE

To: Automated Patent and Trademark
Assignment System
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Facsimile No.: (703) ~~306-5595~~ ⁸⁷²⁻⁹³⁰⁶

From: Phillip E. Miller


Facsimile No.: (703) 761-2375 or 76

Re: Enclosed Submission of Assignment
U.S. Patent Application No.: 10/715,376
IBM Docket: YOR920030332US1
Our Reference: YOR.487

Enclosed are (1) Submission of Assignment with Certificate of Facsimile Transmission,
(1) Recordation Form Cover Sheet, and (5) executed Assignment Documents, which we request
that you record in the above-referenced application.

Please charge Assignee's Deposit Account No. 50-0510 the amount of \$40.00 for the
assignment recordation fee.

Very truly yours,


Phillip E. Miller

PEM/tm
Enclosures

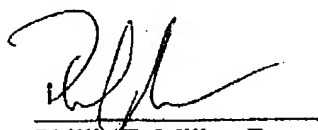
Total No. of Pages Transmitted: 9

Serial No. 10/715,376
Docket No. YOR020030332US1

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that I am filing this Submission of Assignment by facsimile with the
United States Patent and Trademark Office to the Automated Patent and Trademark, Assignment
System at fax number (703) 306-5595 this 12th day of March, 2004.

872-9306



Phillip E. Miller, Esq.
Registration No. 46,060

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Jonathan Zanhong Sun, et al.

Serial No.: 10/715,376

Group Art Unit: 1773

Filing Date: November 19, 2003 Examiner: Unknown

For: SPIN-CURRENT SWITCHED MAGNETIC MEMORY ELEMENT SUITABLE FOR
CIRCUIT INTEGRATION AND METHOD OF FABRICATING THE MEMORY
ELEMENTCommissioner for Patents
Alexandria, VA 22313-1450

SUBMISSION OF ASSIGNMENT

Sir:

Kindly record and return to the undersigned the attached Assignment from Jonathan Zanhong Sun, Rolf Allenspach, Stuart Stephen Papworth Parkin, John Casimir Slonczewski and Bruce David Terns to International Business Machines Corporation, for the above-identified patent application. The Commissioner is hereby authorized to charge the recording fee of \$40.00 to the Assignee's Deposit Account No. 50-0510.

Respectfully submitted,

Phillip E. Miller, Esq.
Registration No. 46,060

Date: 3/12/04

McGinn & Gibb, PLLC
Intellectual Property Law
8321 Old Courthouse Road, Suite 200
Vienna, VA 22182-3817
(703) 761-4100
Customer No. 21254

IBM Docket No.: YOR920030332US1

ASSIGNMENT

Whereas, we

Inventor
and City(1) Jonathan Zanhong Sun
County of WestchesterCity of Shrub Oak
and State of New York

(2) Rolf Allenspach

City of Adliswil
and Country of Switzerland(3) Stuart Stephen Papworth Parkin
County of Santa ClaraCity of San Jose
and State of California(4) John Casimir Slonczewski
County of WestchesterCity of Katonah
and State of New York(5) Bruce David Terris
County of Santa ClaraCity of Sunnyvale
and State of California

has invented certain improvements in

Title

SPIN-CURRENT SWITCHED MAGNETIC MEMORY ELEMENT SUITABLE FOR
CIRCUIT INTEGRATION AND METHOD OF FABRICATING THE MEMORY
ELEMENTDates That
Inventors
Signed the
Declaration

and has executed, respectively, a United States patent application therefor on

(1) , 2003 (2) , 2003 (3) , 2003
(4) , 2003, and (5) , 2003.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York, 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

City (1) Signed at

Date on

Nov. 17, 2003

(Jonathan
First NameZanhong
Middle InitialSun
Last Namesignature
) inventor

City (2) Signed at DurhamDate on Nov. 20, 2003Rolf(Rolf
First Name

Middle Initial

AllessbachAllessbach) inventor
Last Name

signature

City (3) Signed at

Date on

(Stuart
First NameStephen
Middle InitialPapworth Parkin) inventor
Last Name

signature

City (4) Signed at

Date on

(John
First NameCasimir
Middle InitialSlonczewski) inventor
Last Name

signature

City (5) Signed at

Date on

(Bruce
First NameDavid
Middle InitialTerris) inventor
Last Name

signature

City (2) Signed at

Date on

(Rolf
First Name

Middle Initial

Allenspach
Last Namesignature
) inventor

City (3) Signed at

Date on

November 18
2003(Stuart
First NameStephen
Middle InitialPapworth Parkin
Last Name

signature

) inventor

City (4) Signed at

Date on

(John
First NameCasimir
Middle InitialSlonczewski
Last Namesignature
) inventor

City (5) Signed at

Date on

(Bruce
First NameDavid
Middle InitialTerris
Last Namesignature
) inventor

City (2) Signed at

Date on

(Rolf			signature
First Name	Middle Initial	Allenspach) inventor
		Last Name	

City (3) Signed at

Date on

(Stuart	Stephen	Papworth Parkin	signature
First Name	Middle Initial	Last Name) inventor

City (4) Signed at

Date on

Katonah, NY, USA

Mar 18, 2003

(John	Casimir	Slonczewski	signature
First Name	Middle Initial	Last Name) inventor

City (5) Signed at

Date on

(Bruce	David	Terris	signature
First Name	Middle Initial	Last Name) inventor

City (2) Signed at

Date on

(Rolf			signature
First Name	Middle Initial	Allenspach) inventor
		Last Name	

City (3) Signed at

Date on

(Stuart	Stephen	Papworth Parkin	signature
First Name	Middle Initial	Last Name) inventor

City (4) Signed at

Date on

(John	Casimir	Slonczewski	signature
First Name	Middle Initial	Last Name) inventor

City (5) Signed at San Jose, CA

Date on Nov 21, 2003

(Bruce	David	Terris	signature
First Name	Middle Initial	Last Name) inventor